Contents of Volume 18

No. 1

G. Frankel and A. Friedmann (Israel)
Synthesis of long viral complementary DNA from 7.5 Kb poly A$^+$RNA templates (JVM 00641) 1

S. Angsubhakorn, J.B. Moe, N.J. Marchette, J.R. Latendresse, N.E. Palumbo, S. Yoksan and N. Bhamarapravati (Thailand, U.S.A.)
Neurovirulence detection of dengue virus using rhesus and cynomolgus monkeys (JVM 00644) 13

G. Glikmann, M. Pedersen and I. Petersen (Denmark)
Intratypic differentiation of poliovirus strains by enzyme-linked immunosorbent assay (ELISA): poliovirus type 2 and poliovirus type 3 (JVM 00645) 25

L.M. Buthod, N.L. Schindler and H.W. Rogers (U.S.A.)
Determination of cell line suitability for rapid isolation of herpes simplex virus (JVM 00642) 37

D.J. Morris, J. Lomax, A.J. Fox and G. Corbitt (U.K.)
Comparision of dot-blot DNA hybridisation and immediate early nuclear antigen production in cell culture for the rapid detection of human cytomegalovirus in urine (JVM 00643) 47

V.S. Gouvea, L. de Castro and H.G. Pereira (Brazil)
A combined dot nitrocellulose-enzyme immunoassay for rotavirus and adenovirus (JVM 00647) 57

D.R. Dahling and B.A. Wright (U.S.A.)
Comparision of the in-line injector and fluid proportioner used to condition water samples for virus monitoring *(Short Communication)* (JVM 00646) 67

B. Ørskov Lindhardt, I.C. Bygbjerg, K. Ulrich, H. Draminsky Petersen, I. Lausen and B. Frederiksen (Denmark)
Detection of antibodies to human immunodeficiency virus (HIV) in eluates from whole blood impregnated filter paper discs *(Short Communication)* (JVM 00648) 73

No. 2, 3

G.M. Beards (U.K.)
Serotyping of rotavirus by NADP-enhanced enzyme-immunoassay (JVM 00653) 77

M.K. Ijaz, Y.G. Karim, S.A. Sattar and C.M. Johnson-Lussenburg (Canada)
Development of methods to study the survival of airborne viruses (JVM 00650) 87

G. Duverlie, M. Driencourt, C. Roussel and P. Daniel (France)
Solid phase reverse passive hemadsorption test for hepatitis B surface antigen (JVM 00651) 107

J. Husson-van Vliet, G. Colinet, F. Yane and P. Lemoine (Belgium)
A simplified plaque assay for varicella vaccine (JVM 00649) 113

W.J. Mitchell, S.E.H. Russel, D.K. Clark, B.K. Rima and M.J. Appel (U.S.A., U.K.)
Identification of negative strand and positive strand RNA of canine distemper virus in animal tissues using single stranded RNA probes (JVM 00652) 121

J.B. Mahony, S. Castriciano and M.A. Chernesky (Canada)
Cost and performance analysis of haemagglutination inhibition, passive haemagglutination, radial haemolysis, and enzyme immunoassay for measuring rubella antibody (JVM 00654) 133

K. Wetz (F.R.G.)
Cross-linking of poliovirus with bifunctional reagents: biochemical and immunological identification of protein neighbourhoods (JVM 00656) 143

M.J. Ijaz, M.I. Sabara, P.J. Frenchick and L.A. Babiuk (Canada)
Assessment of intestinal damage in rotavirus infected neonatal mice by a D-xylose absorption test (JVM 00655) 153

R.L. Ashley and J. Militoni (U.S.A.)
Use of densitometric analysis for interpreting HSV serologies based on Western blot (JVM 00657) 159

K. Okazaki, S. Chiya, S. Ideguchi and S. Kimura (Japan)
Typing of herpes simplex virus types 1 and 2 by immunoblotting analysis using polyclonal antisera to herpes simplex virus glycoproteins (JVM 00658) 169

R. Stachan and J. Drescher (F.R.G.)
Electron microscopic method for determining the concentration of influenza virus antihemagglutinin antibodies of the IgG class (JVM 00659) 179

J.M. Crance, J. Passagot, E. Biziagos and R. Deloice (France)
Continuous production of hepatitis A virus in PLC/PRF/5 cell structures: use of antigen for serology (JVM 00660) 193

Announcements 205

No. 4

G.L. Woods, A. Young, A. Johnson and G.M. Thiele (U.S.A.)
Detection of cytomegalovirus by 24-well plate centrifugation assay using a monoclonal antibody to an early nuclear antigen and by conventional cell culture (JVM 00666) 207

L.M. Galanti, C.L. Cambiaso, C.J. Cornu, M.E. Lamy and P.L. Masson (Belgium)
Immunology of hepatitis B surface antigen by particle counting after pepsin digestion (JVM 00661) 215

D.V. Gokhale and J.G. Bald (U.S.A.)
Relationship between plant virus concentration and infectivity: a 'growth curve' model (JVM 00662) 225

H. Artsob, L. Spence, F. Bishai, L. Kurjanczyk and L. Sekla (Canada)
Amplified ELISA for the detection of western equine encephalitis virus from mosquitoes in Manitoba, Canada (JVM 00663) 233

T.J. Palker, M.E. Clark, M.G. Sarngadharan and T.J. Matthews (U.S.A.)
Purification of envelope glycoproteins of human T cell lymphotropic virus type 1 (HTLV-1) by affinity chromatography (JVM 00665) 243

K.H. Rand, I. Rand, El Koussi, H.J. Houck, W. Brey, J. Rocca, T. Loftsson and N. Bodor (U.S.A.)
Trifluorothymidine:potential non-invasive diagnosis of herpes simplex infection using ^{19}F nuclear magnetic resonance in a murine hepatitis model (JVM 00667) 257

A. Afshar, F.C. Thomas, P.F. Wright, J.L. Shapiro J. Anderson and R.W. Fulton (Canada, U.K., U.S.A.)
Blocking dot-ELISA, using a monoclonal antibody for detection of antibodies to bluetongue virus in bovine and ovine sera (JVM 00668) 271

A.J. Darling, B.M. Dutia and H.S. Marsden (U.K.)
Improved method for the measurement of ribonucleotide reductase activity (JVM 00669) 281

S. Harada, N. Yamamoto and Y. Hinuma (Japan)
Clonal analysis of functional differences among strains of human immunodeficiency virus (HIV) (JVM 00670) 291

Announcement 305

Contents of Volume 18 307

Author Index 311

Subject Index 315